



COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

SIXTH FLOOR
PRUDENTIAL BUILDING
195 NORTH TERRACE
ADELAIDE

BIRTHS, DEATHS, AND MARRIAGES

SOUTH AUSTRALIA

1963

Statistics of Births, Deaths, and Marriages, registered during the twelve months ended 31st December 1963 published as the first part of this Bulletin are followed by more detailed tables indicating trends in numbers and rates of births, deaths, marriages, and infant deaths registered during each of the last available five years and showing causes of deaths and of infant deaths for similar periods. Table 2 compares births occurring with births registered in each of the years 1959 to 1963 and shows in addition masculinity of births registered.

Registrations during 1963

	Number	Rate
Births	21,367	21.18
Deaths - Total	8,201	8.13
- Infant (Children of less than 1 year)	399	18.67
Marriages	7,302	7.24
		<u>Number</u>
Adoptions		601
Legitimations		245
Still-births (These are not included in births or deaths)		262

Birth, total death, and marriage rates are calculated per 1,000 of mean population and the infant death rate per 1,000 of live births registered.

BIRTH, DEATH, AND MARRIAGE RATES

These rates are calculated on the number of registrations and show somewhat different fluctuations from those which would result from calculations based on the number of occurrences, particularly in the case of Infant Death Rates.

TABLE 1 - BIRTHS, DEATHS, AND MARRIAGES: RATES, SOUTH AUSTRALIA, 1900 to 1959

Period	Average annual rate of			
	Births (a)	Deaths (a)	Infant Deaths (b)	Marriages (a)
1900-04	25.05	10.99	91.95	6.59
1905-09	25.19	10.22	68.83	7.93
1910-14	27.98	10.30	67.82	9.38
1915-19	25.51	10.67	61.85	7.94
1920-24	23.43	9.68	58.45	8.55
1925-29	20.16	8.98	46.54	7.54
1930-34	15.54	8.65	38.05	6.33
1935-39	15.32	9.20	32.85	8.99
1940-44	19.30	10.25	34.57	11.25
1945-49	24.02	9.80	27.35	9.73
1950-54	23.62	9.31	22.69	8.44
1955-59	22.34	8.80	21.37	7.39

(a) Per 1,000 mean population.

(b) Children of less than one year per 1,000 live births registered.

[illegible]

BIRTHS

The 17,306 births registered in 1950 was the highest number recorded to that time, and a new record was established in each succeeding year to 1961, when 22,399 births were registered; the lower numbers in each of the two years since have been exceeded only by the 1961 figure.

A birth can be registered up to 42 days after the date of birth without incurring a penalty for "late" registration; therefore the number of births registered in a year usually differs from the number of births which occurred during that year. In 1963 the number of births registered was 21,367 while the number of births which occurred during the year is estimated to be 21,200.

The masculinity ratio, i.e. the ratio of male births to female births, does not as a rule vary greatly from year to year. However, in recent years there have been rather wide variations, the rate falling in 1959 to the unusually low figure of 102.77, the lowest recorded since 1936 when the ratio was 102.43. The figure of 106.23 for both 1962 and 1963 is higher than the ratio of 104.91 for the last ten years and is the highest since 1948 when the ratio was 106.32.

TABLE 2 - BIRTHS: NUMBER, RATE, AND MASCULINITY - SOUTH AUSTRALIA, 1959 to 1963

Year	Births Occurring (a)	Births Registered				
		Total	Male	Female	Rate (b)	Masculinity
1959	20,842	20,372	10,325	10,047	22.12	102.77
1960	21,100	20,966	10,760	10,206	22.19	105.43
1961	21,334	22,399	11,402	10,997	23.10	103.68
1962	21,291	21,361	11,003	10,358	21.59	106.23
1963	21,200 p	21,367	11,006	10,361	21.18	106.23

(a) Subject to the addition of a few very late registrations.

(b) Per 1,000 mean population.

p Preliminary - partly estimated.

DEATHS

A total of 8,201 deaths were registered during 1963, only a few less than the 1962 figure of 8,232 which is the highest number on record. The death rate of 8.13 is the second lowest on record, the lowest being 8.06 in 1961.

Infant deaths registered during 1963 totalled 399. The resultant infant mortality rate was 18.67 the lowest rate on record, the second lowest being 18.94 in 1960.

TABLE 3 - DEATHS: NUMBER AND RATE, SOUTH AUSTRALIA, 1959 to 1963

Year	Total Deaths Registered		Infant Deaths Registered					
			Under 1 Year		1 Month to 1 Year		Under 1 Month	
	No.	Rate (a)	No.	Rate (b)	No.	Rate (b)	No.	Rate (b)
1959	7,943	8.62	422	20.71	136	6.68	286	14.03
1960	7,804	8.26	397	18.94	119	5.68	278	13.26
1961	7,815	8.06	448	20.00	156	6.96	292	13.04
1962	8,232	8.32	409	19.15	122	5.71	287	13.44
1963	8,201	8.13	399	18.67	123	5.75	276	12.92

(a) Per 1,000 mean population.

(b) Per 1,000 live births registered.

- 3 -

CAUSES
OF
DEATH

The numbers of persons dying from certain causes are shown in the following table, which compares the figures for the years 1958 to 1962; particulars of causes of death of all persons are not yet available for 1963. However, details of the principal causes of infant deaths are available for 1963 and these are shown in Table 5 together with comparable figures for each of the previous four years.

TABLE 4 - DEATHS (ALL PERSONS) : PRINCIPAL CAUSES, SOUTH AUSTRALIA, 1958 to 1962

Cause	1958	1959	1960	1961	1962
	Number				
Tuberculosis (all forms)	62	47	40	54	29
Malignant Neoplasms	1,128	1,127	1,147	1,222	1,345
Diabetes	78	94	100	82	132
Cerebral Haemorrhage, Thrombosis, etc.	1,157	1,153	1,101	1,116	1,127
Chronic Rheumatic Heart Disease	61	59	75	64	66
Arteriosclerotic and Degenerative Heart Disease	2,162	2,220	2,435	2,441	2,589
Hypertension with Heart Disease	170	148	162	107	132
Other Heart Disease	238	236	219	220	295
Influenza	3	103	2	5	10
Pneumonia	334	344	284	239	269
Bronchitis	66	91	103	102	126
Nephritis and Nephrosis	77	69	52	63	78
Pregnancy, Childbirth, etc.	6	6	13	6	13
Congenital Malformations	111	101	116	131	98
Other Diseases of Early Infancy	219	229	194	228	233
Senility	100	132	86	99	69
Accidents	499	505	488	497	464
Suicides	120	91	117	116	129
All other	1,152	1,188	1,070	1,023	1,028
Total	7,743	7,943	7,804	7,815	8,232

TABLE 5 - INFANT DEATHS: MAIN CAUSES, SOUTH AUSTRALIA, 1959 to 1963

Cause	1959	1960	1961	1962	1963
	Number				
Diarrhoea	7	8	12	7	15
Congenital Malformations	72	95	102	76	91
Prematurity	69	82	72	77	72
Injury at birth	42	39	46	56	41
Post-natal Asphyxia and Atelectasis	58	28	38	39	36
Other diseases peculiar to early infancy	49	43	65	52	63
Cerebro-spinal Meningitis	1	1	3	-	1
Meningitis	6	5	1	5	-
Whooping Cough	-	1	-	1	1
Pneumonia	44	23	38	47	42
Hernia and Intestinal obstruction	2	6	8	4	6
External causes	19	12	24	11	9
All other causes	53	54	39	34	22
Total	422	397	448	409	399

MARRIAGES

The number of marriages registered during 1963 totalled 7,302. The record number in this State was 8,129 in 1942 with a rate of 13.34, and the lowest number in recent years was 5,321 in 1945 with a rate of 8.48.

The mean age at time of marriage of bachelors and spinsters decreased slightly in the immediate post-war years and then remained at a fairly stable level of approximately 26.7 years for bachelors and 23.7 years for spinsters until 1955. During the six years to 1961 there was a definite downward trend in the average age at marriage of single persons.

TABLE 6 - MARRIAGES: NUMBER, RATE, AND MEAN AGE - SOUTH AUSTRALIA, 1959 to 1963

Year	Number Registered	Rate (a)	Mean Age at Marriage	
			Bachelors	Spinsters
1959	6,614	7.18	26.20	22.77
1960	6,607	6.99	25.88	22.46
1961	6,804	7.02	25.75	22.39
1962	7,021	7.10	25.76	22.44
1963	7,302	7.24	n.a.	n.a.

(a) Per 1,000 mean population.

n.a. Not yet available.

D.L.J. AITCHISON

DEPUTY COMMONWEALTH STATISTICIAN

Commonwealth Bureau of Census & Statistics,
ADELAIDE, S.A.
26th February 1964.

